



Home Projects **Rooftop Solar PV** Services

How do our Grid Connected Solar Rooftop Systems work?

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Grid connected Solar Rooftop Systems

A smart investment to lower your electricity bills and earn some extra money! Not only those whopping electricity bills....our systems actually help you earn money by exporting to the grid.

SSAEL offers customized solutions to HT users above 100 kVA such as Commercial, Institutional and Industrial customers and to domestic customers consuming 1000 kWh or more per month.

Solar Potential Assessment and Feasibility Study

Inputs required for the study

- Power bills
- Energy consumption patterns and critical loads
- Roof space available (free from shading)

Outputs of the Study

- Basic Design and Engineering
- Simulation of generation
- Project cost estimates
- Economic Analysis for management decision

Supply To Commissioning

We take care of

- Supply
- Installation
- Grid interconnectivity and Commissioning



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Our USP's

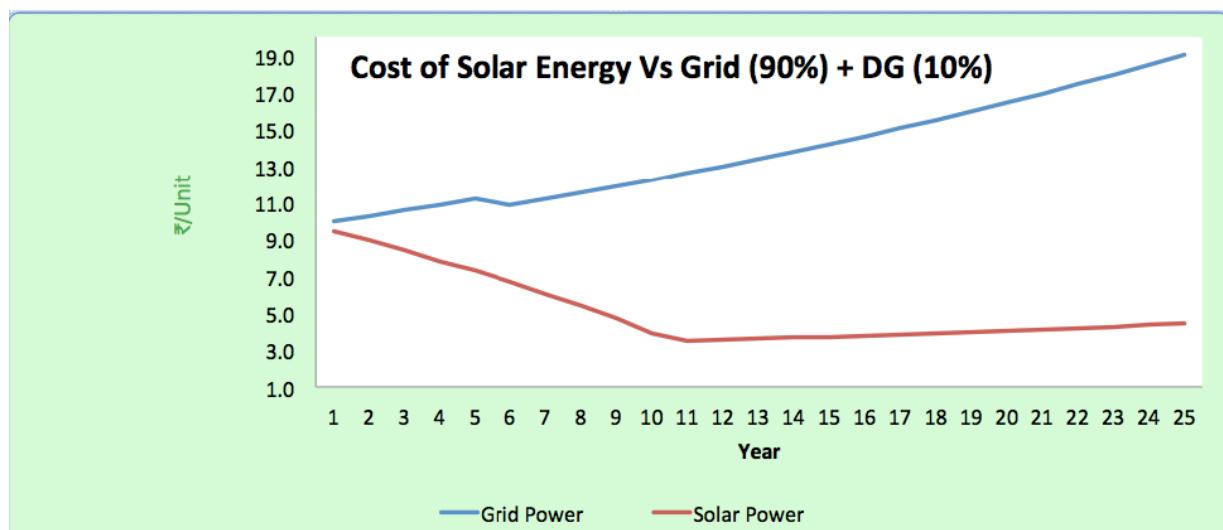
- Customized solution
- Solar shading analysis
- Field testing of the components prior to commissioning
- Remote monitoring of performance

For a free Solar Potential Assessment and Feasibility Study

You can call us on +91 9666129629 /+91 40 23000078 or Email: ssael@ssael.co.in or [Click here for online enquiry form.](#)

Analysis of Cost of Energy from Rooftop Solar Vs Grid Electricity in Hyderabad

Levelized cost of solar electricity is less than Rs 5 per unit over 25 years !



Highlights of cost of energy from Rooftop Solar Vs Grid Electricity in Hyderabad

- Difference between the grid and solar cost of generation in first year is Rs 0.54/unit and over 25 year will widen to Rs 14.64/unit and on levelized basis will be Rs 5.42/unit
- Additional Revenue of in the first 6 years through sale of REC certificates
- Levelized cost of solar electricity is Rs 6.44 per unit over 25 years. Cost of solar electricity will be Rs 9.40 per unit in the first year and will be Rs 4.43 per unit in the twenty fifth year.

Assumptions for cost of energy from Rooftop Solar Vs Grid Electricity in Hyderabad.
[Read more...](#)

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Shri Shakti Alternative Energy Ltd (SSAEL), is a part of the Shri Shakti Group, Hyderabad, with over a decade of experience in the field of Clean energy, Consulting and Solar Project Development. SSAEL has executed projects for World Bank, UNIDO, GVEP, kfW, IREDA and were Consultants to RERC.

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